



PS24-5A

Switch Mode Power Supply

Features

- 120W rated power
- Compact Size
- LED Indicate For Power ON
- Din Rail Mount
- Cooling by free air convection

Protection Available

- ▶ Overload, Over voltage, Output short circuit, Over Temperature

Input Specification

Supply Voltage	100 to 270V AC±10%,(L-N)
Frequency Range	50/60 Hz
AC Current (TYP.)	2.1A@100V AC 0.95A@270V AC
Efficiency (TYP.)	>89%@230VAC
Start UP time	<1 sec@230VAC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	23-28V DC
Output Current	5A at 24V; 4.29A at 28V, 5.9A at 23V
Ripple & noise	<1% of Vout*
Line & Load Regulation	±1%
Hold UP Time	<60ms at 230VAC & >15ms at 100VAC (Full Load)

LED Indication

LED 1 Power On

Protection

Input Fuse	3.15A-250V AC Internal
Output Over Load	110% to 120% of rated output Current protection Protection Type : hiccup mode; recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted;Recovers automatically after fault condition is removed.
Output Over Voltage	SMPS Latches off if output voltage Exceeds the specified output voltage Limits.
Over Temperature	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.
Isolation between Input and Output :	2.5 KV

Physical

Mounting Type	Din Rail Mount
Size (H x W x D)mm	105 X 45 X 110
Material	ABS + Metal

Environmental

Working Temperature	-25 °C to 50 °C * De-rate output power at 3w/°C above +50 °C Ambient
Storage Temperature	-40 °C to 85 °C
Relative Humidity	95% RH Non-condensing
Warm up time	5 minutes

Dimension



Terminal Connection



Multispan reserves the right to change specifications without prior notice. Printing and typographical errors reserved.
Product improvement and upgrade is a constant procedure. So for more updated operating information & support contact us.

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